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(71) Applicant (for all designated States except US): THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER [US/US]; 5323 Harry Hines Blvd., Dallas, TX 75235-9094 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): YOUNGQUIST,

Robert, Scott [US/US]; 8511 Charleston Knoll Court, Mason, OH 45040 (US). MCIVER, John, McMillan [US/US]; 9999 Indian Springs Drive, Cincinnati, OH 45241 (US).

(74) Agents: KELLEY, Timothy, M. et al.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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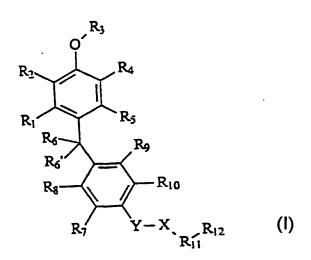
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(54) Title: BIARYL COMPOUNDS



(57) Abstract: The present disclosure describes novel compounds and compositions which are particularly useful for treating hair loss in mammals, including arresting and/or reversing hair loss and promoting hair growth. The compounds have a biphenyl structure as described in formula (I) and are preferably cardiac-sparing, and pharmaceutically acceptable salts, hydrates and biohydrolyzable amides, esters, and imides thereof, wherein, R_1 , R_2 , R_3 , R_4 , R_5 , R_6 , R_6 , R_7 , R_8 , R_9 , R_{10} , Y, X, R_{11} , and R_{12} are defined herein.